AX-1205

12 Channel DMX Dimmer

【User Manual】



Lite-Puter Enterprise Co., Ltd.

Website：www.liteputer.com.tw

Email：sales@liteputer.com.tw

INDEX

Chapter One Introduction

1-1 Feature

● An integrated console with dimmer pack which can shift between DMX OUT and DMX IN.

● Channel warm up function.

● Channel dimming or non-dimming setting.

● DOT lights on screen display signal status.

● 12 channels, 5A per channel total 60A.

● Can save and recall 12 scenes.

● Channel and scene chase function.

1-2 Specification

● Power Supply：3φ4W, AC 90-240V, 50/60Hz

● Protocol：DMX-512

● Signal Output Channel：12 channels

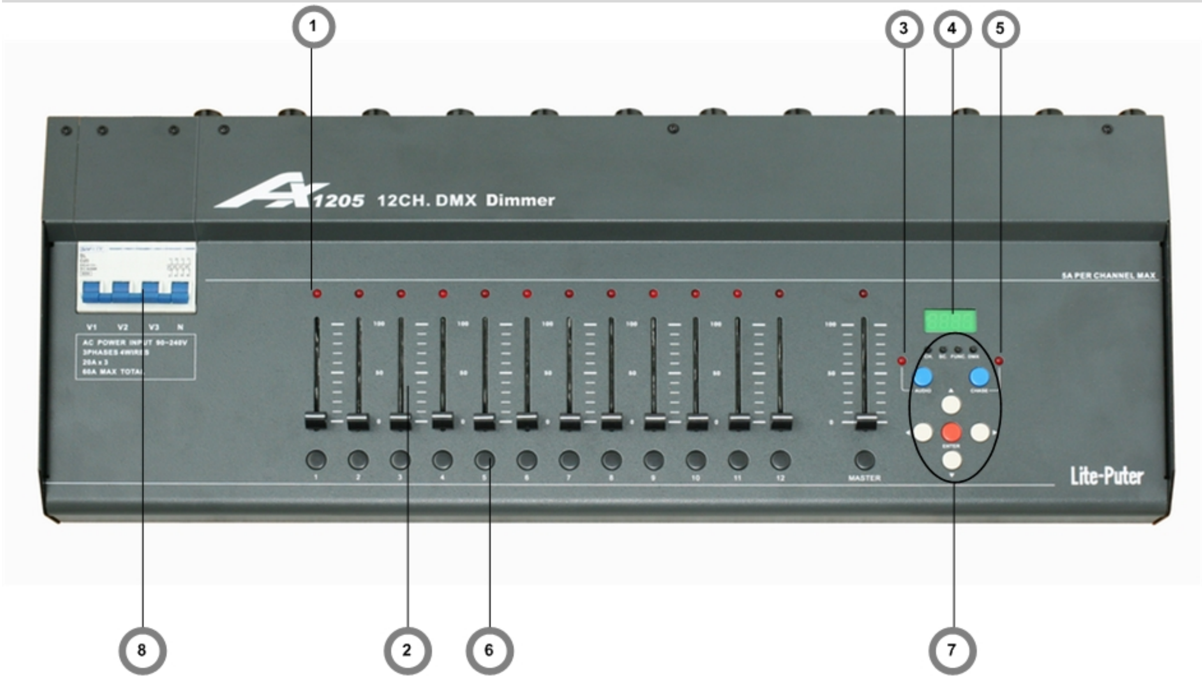
● Signal Connector：XLR 5 PIN

● Dimension：672(W)×100(H)×250(D)m m

● Weight： 7.2 kg

Chapter Two Operation

2-1 Panel Introduction



1	1-12 channel indicator	
2	1-12 channel dimming VR	
3	Audio control indicator	
4	LED screen	
5	Chase signal indicator	
6	1-12 channel FLASH button	
7	Function button	
	CH	channel mode
	SC	scene mode
	FCN	function selection
	DMX	DMX IN / DMX OUT selection
	AUDIO	audio control chase selection
	CHASE	chase selection
	ENTER	confirm button
	▲▼◀▶	aid button
8	AC POWER INPUT 90─240V	

2-2 Memory Initialization

STEP-1 Press **CH** and **SC** at the same time to turn on the device and LED will display,



STEP-2 Press **FNC** to cancel initialization and LED will dislay,



STEP-3 Press **DMX** to start initialization and LED will display,



Then



2-3 DMX OUT Function

Hold **DMX** to shift between DMX IN and DMX OUT.When LED displays C.0.0.1, press **ENTER** to confirm DMX OUT function and LED will display,



Now AX-1205 becomes a console to send DMX signal out to dimmer.
VR1 stands for CH001，VR2 stands for CH002 ┈VR12 stands for CH012.

2- 4 DMX IN Function

STEP-1 Hold **DMX** till LED display d.0.0.1. Press **ENTER** to confirm DMX IN function and LED will display,



Now AX-1205 becomes a dimmer to receive DMX IN signal.

STEP-2 In DMX IN status,press ◄, ►, ▲, ▼ to adjust start channel address and LED will display,



◄ = DMX ADDRESS –1
► = DMX ADDRESS +1
▲ = DMX ADDRESS +12
▼ = DMX ADDRESS → d001

STEP-3 Press **ENTER** to save and LED will display,



2-5 WARM UP Function

STEP-1 Hold **FNC** till LED displays,



It means ALL channel's warm up value is zero.

STEP-2 Press ◄ or ► to select a channel and LED will display,



It means the 1 st channel's warm up value is zero.

STEP-3 Press ▲ or ▼ to adjust warm up value (range from 0%-9%)and LED will display,



Now the 1st channel's warm up value is 3%.

2-6 Channel Dimming/Non-dimmming Mode Setting

STEP-1 Hold **FNC** till LED displays,



It means that all channels are set as dimming mode (AL stands for all channel; d stands for dimming).

STEP-2 Press ◄ or ► to select a channel and LED will display,



It means that the 1 st channel is set as dimming mode.

STEP-3 Press ▲ and LED displays,



Now the 1 st channel is set as non-dimming mode(S stands for switch=non dimming).

> If a channel set as non-dimming mode, when the dimming value higher than 50%, it will switch on at 100%; when the dimming value lower than 20%, it will switch off.

2-7 Channel Dimming Value Check

STEP-1 Hold **FNC** till LED display,



It means the 1 st channel's dimming value is zero.
AX-1205 has atuo channel ouput monitor function. (Enter this function, AX-1205 will automatically display the channel's dimming value if it changes) .

STEP-2 If the 2 nd channel's dimming value changes, the LED will automatically display the value.



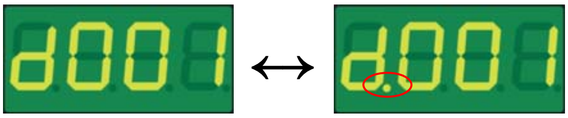
STEP-3 If you want to check certain channel's dimming value, press ◄ or ► select channel No. For example, select channel 3 and LED will display,



Now, the auto monitor function turn off.

2-8 DOT on Screen Introduction

When the 1 st DOT on LED screen blinks, it means DMX signal is inputting.



When the 2 nd DOT on LED screen is on, it means synchronous signal 1 fails.



Now CH1, CH2, CH3 and CH4 will turn off.

When the 3 rd DOT on LED screen is on, it means synchronous signal 2 fails.



Now CH5, CH6, CH7 and CH8 will turn off.

When the 4 th DOT on LED screen is on, it means synchronous signal 3 fails.



Now CH9, CH10, CH11 and CH12 will turn off.

Notice: Synchronous signal 1 control CH1, CH2, CH3 and CH4
Synchronous signal 2 control CH5, CH6, CH7 and CH8
Synchronous signal 3 control CH9, CH10, CH11 and CH12

2-9 Channel Mode

Press **CH** and LED will display,



Press **ENTER** to enter channel mode and then automatically go back to your current setting.

In channel mode, use VR to adjust corresponding channel's dimming value and MASTER VR to adjust all channel's dimming value.

In channel mode, the chase mode will be channel chase.

2-10 Scene Mode

Press **SC** and LED will display,



Press **ENTER** to enter scene mode and then automatically go back to your current setting.

In scene mode, use VR to adjust corresponding scene's dimming value.(VR1 stands for scene 1, VR2 stands for scene 2……VR12 stands for scene 12.) Use Master VR to adjust all scene's dimming value.

In scene mode, the chase mode will be scene chase.

2-11 Scene Save and Recall

Scene save: At DMX IN or DMX OUT function, adjust the VR to change channels' dimming value, hold **ENTER** and then press the 1-12 button below VR1 ~ 12 to save current dimming value to the scene.

For example,
Hold **ENTER** and press button 1, the current dimming value will save to scene 1 and LED will display,



Scene recall：In scene mode, push VR1 ~ 12 or press 1 ~ 12 to recall the scene.

2-12 Channel Chase

2-12-1. Channel Chase without Fade-in /Fade-out

STEP-1 In channel mode, press **CHASE** to enter channel chase mode and LED will display,



P stands for chase, 02 stands for chase mode No. (AX-1205 has 15 build-in channel chase modes, each of which has two opposite types. Please check the graph as below,

● means turn on ○ means turn off

Chase No.	Chase Type 1													Chase Type 2												
	STEP	VR No.												STEP	VR No.											
		1	2	3	4	5	6	7	8	9	10	11	12		1	2	3	4	5	6	7	8	9	10	11	12
1	1	●	○	○	○	○	○	○	○	○	○	○	○	1	○	○	○	●	○	○	○	○	○	○	○	○
	2	○	●	○	○	○	○	○	○	○	○	○	○	2	○	○	●	○	○	○	○	○	○	○	○	○
	3	○	○	●	○	○	○	○	○	○	○	○	○	3	○	●	○	○	○	○	○	○	○	○	○	○
	4	○	○	○	●	○	○	○	○	○	○	○	○	4	●	○	○	○	○	○	○	○	○	○	○	○
2	1	○	○	○	○	●	○	○	○	○	○	○	○	1	○	○	○	○	○	○	○	●	○	○	○	○
	2	○	○	○	○	○	●	○	○	○	○	○	○	2	○	○	○	○	○	○	●	○	○	○	○	○
	3	○	○	○	○	○	○	●	○	○	○	○	○	3	○	○	○	○	○	●	○	○	○	○	○	○
	4	○	○	○	○	○	○	○	●	○	○	○	○	4	○	○	○	○	●	○	○	○	○	○	○	○
3	1	○	○	○	○	○	○	○	○	●	○	○	○	1	○	○	○	○	○	○	○	○	○	○	○	●
	2	○	○	○	○	○	○	○	○	○	●	○	○	2	○	○	○	○	○	○	○	○	○	○	●	○
	3	○	○	○	○	○	○	○	○	○	○	●	○	3	○	○	○	○	○	○	○	○	○	●	○	○
	4	○	○	○	○	○	○	○	○	○	○	○	●	4	○	○	○	○	○	○	○	○	●	○	○	○
4	1	●	○	○	○	○	○	○	○	○	○	○	○	1	○	○	○	○	○	○	○	○	○	○	○	●
	2	○	●	○	○	○	○	○	○	○	○	○	○	2	○	○	○	○	○	○	○	○	○	○	●	○
	3	○	○	●	○	○	○	○	○	○	○	○	○	3	○	○	○	○	○	○	○	○	○	●	○	○
	4	○	○	○	●	○	○	○	○	○	○	○	○	4	○	○	○	○	○	○	○	○	●	○	○	○
	5	○	○	○	○	●	○	○	○	○	○	○	○	5	○	○	○	○	○	○	○	●	○	○	○	○
	6	○	○	○	○	○	●	○	○	○	○	○	○	6	○	○	○	○	○	○	●	○	○	○	○	○
	7	○	○	○	○	○	○	●	○	○	○	○	○	7	○	○	○	○	○	●	○	○	○	○	○	○
	8	○	○	○	○	○	○	○	●	○	○	○	○	8	○	○	○	○	●	○	○	○	○	○	○	○
	9	○	○	○	○	○	○	○	○	●	○	○	○	9	○	○	○	●	○	○	○	○	○	○	○	○
	10	○	○	○	○	○	○	○	○	○	●	○	○	10	○	○	●	○	○	○	○	○	○	○	○	○
	11	○	○	○	○	○	○	○	○	○	○	●	○	11	○	●	○	○	○	○	○	○	○	○	○	○
	12	○	○	○	○	○	○	○	○	○	○	○	●	12	●	○	○	○	○	○	○	○	○	○	○	○

Chase No. 5

Chase Type 1

STEP	VR No. 1	2	3	4	5	6	7	8	9	10	11	12
1	●	●	○	○	○	○	○	○	○	○	○	○
2	○	●	●	○	○	○	○	○	○	○	○	○
3	○	○	●	●	○	○	○	○	○	○	○	○
4	○	○	○	●	●	○	○	○	○	○	○	○
5	○	○	○	○	●	●	○	○	○	○	○	○
6	○	○	○	○	○	●	●	○	○	○	○	○
7	○	○	○	○	○	○	●	●	○	○	○	○
8	○	○	○	○	○	○	○	●	●	○	○	○
9	○	○	○	○	○	○	○	○	●	●	○	○
10	○	○	○	○	○	○	○	○	○	●	●	○
11	○	○	○	○	○	○	○	○	○	○	●	●
12	●	○	○	○	○	○	○	○	○	○	○	●

Chase Type 2

STEP	VR No. 1	2	3	4	5	6	7	8	9	10	11	12
1	○	○	○	○	○	○	○	○	○	○	●	●
2	○	○	○	○	○	○	○	○	○	●	●	○
3	○	○	○	○	○	○	○	○	●	●	○	○
4	○	○	○	○	○	○	○	●	●	○	○	○
5	○	○	○	○	○	○	●	●	○	○	○	○
6	○	○	○	○	○	●	●	○	○	○	○	○
7	○	○	○	○	●	●	○	○	○	○	○	○
8	○	○	○	●	●	○	○	○	○	○	○	○
9	○	○	●	●	○	○	○	○	○	○	○	○
10	○	●	●	○	○	○	○	○	○	○	○	○
11	●	●	○	○	○	○	○	○	○	○	○	○
12	●	○	○	○	○	○	○	○	○	○	○	●

Chase No. 6

Chase Type 1

STEP	VR No. 1	2	3	4	5	6	7	8	9	10	11	12
1	●	●	●	○	○	○	○	○	○	○	○	○
2	○	●	●	●	○	○	○	○	○	○	○	○
3	○	○	●	●	●	○	○	○	○	○	○	○
4	○	○	○	●	●	●	○	○	○	○	○	○
5	○	○	○	○	●	●	●	○	○	○	○	○
6	○	○	○	○	○	●	●	●	○	○	○	○
7	○	○	○	○	○	○	●	●	●	○	○	○
8	○	○	○	○	○	○	○	●	●	●	○	○
9	○	○	○	○	○	○	○	○	●	●	●	○
10	○	○	○	○	○	○	○	○	○	●	●	●
11	●	○	○	○	○	○	○	○	○	○	●	●
12	●	●	○	○	○	○	○	○	○	○	○	●

Chase Type 2

STEP	VR No. 1	2	3	4	5	6	7	8	9	10	11	12
1	○	○	○	○	○	○	○	○	○	●	●	●
2	○	○	○	○	○	○	○	○	●	●	●	○
3	○	○	○	○	○	○	○	●	●	●	○	○
4	○	○	○	○	○	○	●	●	●	○	○	○
5	○	○	○	○	○	●	●	●	○	○	○	○
6	○	○	○	○	●	●	●	○	○	○	○	○
7	○	○	○	●	●	●	○	○	○	○	○	○
8	○	○	●	●	●	○	○	○	○	○	○	○
9	○	●	●	●	○	○	○	○	○	○	○	○
10	●	●	●	○	○	○	○	○	○	○	○	○
11	●	●	○	○	○	○	○	○	○	○	○	●
12	●	○	○	○	○	○	○	○	○	○	●	●

Chase No. 7

Chase Type 1

STEP	VR No. 1	2	3	4	5	6	7	8	9	10	11	12
1	●	●	●	●	○	○	○	○	○	○	○	○
2	○	●	●	●	●	○	○	○	○	○	○	○
3	○	○	●	●	●	●	○	○	○	○	○	○
4	○	○	○	●	●	●	●	○	○	○	○	○
5	○	○	○	○	●	●	●	●	○	○	○	○
6	○	○	○	○	○	●	●	●	●	○	○	○
7	○	○	○	○	○	○	●	●	●	●	○	○
8	○	○	○	○	○	○	○	●	●	●	●	○
9	○	○	○	○	○	○	○	○	●	●	●	●
10	●	○	○	○	○	○	○	○	○	●	●	●
11	●	●	○	○	○	○	○	○	○	○	●	●
12	●	●	●	○	○	○	○	○	○	○	○	●

Chase Type 2

STEP	VR No. 1	2	3	4	5	6	7	8	9	10	11	12
1	○	○	○	○	○	○	○	○	●	●	●	●
2	○	○	○	○	○	○	○	●	●	●	●	○
3	○	○	○	○	○	○	●	●	●	●	○	○
4	○	○	○	○	○	●	●	●	●	○	○	○
5	○	○	○	○	●	●	●	●	○	○	○	○
6	○	○	○	●	●	●	●	○	○	○	○	○
7	○	○	●	●	●	●	○	○	○	○	○	○
8	○	●	●	●	●	○	○	○	○	○	○	○
9	●	●	●	●	○	○	○	○	○	○	○	○
10	●	●	●	○	○	○	○	○	○	○	○	●
11	●	●	○	○	○	○	○	○	○	○	●	●
12	●	○	○	○	○	○	○	○	○	●	●	●

Chase No. 8

Chase Type 1

STEP	VR No. 1	2	3	4	5	6	7	8	9	10	11	12
1	●	●	●	●	●	○	○	○	○	○	○	○
2	○	●	●	●	●	●	○	○	○	○	○	○
3	○	○	●	●	●	●	●	○	○	○	○	○
4	○	○	○	●	●	●	●	●	○	○	○	○
5	○	○	○	○	●	●	●	●	●	○	○	○
6	○	○	○	○	○	●	●	●	●	●	○	○
7	○	○	○	○	○	○	●	●	●	●	●	○
8	○	○	○	○	○	○	○	●	●	●	●	●
9	●	○	○	○	○	○	○	○	●	●	●	●
10	●	●	○	○	○	○	○	○	○	●	●	●
11	●	●	●	○	○	○	○	○	○	○	●	●
12	●	●	●	●	○	○	○	○	○	○	○	●

Chase Type 2

STEP	VR No. 1	2	3	4	5	6	7	8	9	10	11	12
1	○	○	○	○	○	○	○	●	●	●	●	●
2	○	○	○	○	○	○	●	●	●	●	●	○
3	○	○	○	○	○	●	●	●	●	●	○	○
4	○	○	○	○	●	●	●	●	●	○	○	○
5	○	○	○	●	●	●	●	●	○	○	○	○
6	○	○	●	●	●	●	●	○	○	○	○	○
7	○	●	●	●	●	●	○	○	○	○	○	○
8	●	●	●	●	●	○	○	○	○	○	○	○
9	●	●	●	●	○	○	○	○	○	○	○	●
10	●	●	●	○	○	○	○	○	○	○	●	●
11	●	●	○	○	○	○	○	○	○	●	●	●
12	●	○	○	○	○	○	○	○	●	●	●	●

Chase No. 9

Chase Type 1 (VR No.)

STEP	1	2	3	4	5	6	7	8	9	10	11	12
1	●	●	●	●	●	●	○	○	○	○	○	○
2	○	●	●	●	●	●	●	○	○	○	○	○
3	○	○	●	●	●	●	●	●	○	○	○	○
4	○	○	○	●	●	●	●	●	●	○	○	○
5	○	○	○	○	●	●	●	●	●	●	○	○
6	○	○	○	○	○	●	●	●	●	●	●	○
7	○	○	○	○	○	○	●	●	●	●	●	●
8	●	○	○	○	○	○	○	●	●	●	●	●
9	●	●	○	○	○	○	○	○	●	●	●	●
10	●	●	●	○	○	○	○	○	○	●	●	●
11	●	●	●	●	○	○	○	○	○	○	●	●
12	●	●	●	●	●	○	○	○	○	○	○	●

Chase Type 2 (VR No.)

STEP	1	2	3	4	5	6	7	8	9	10	11	12
1	○	○	○	○	○	○	●	●	●	●	●	●
2	○	○	○	○	○	●	●	●	●	●	●	○
3	○	○	○	○	●	●	●	●	●	●	○	○
4	○	○	○	●	●	●	●	●	●	○	○	○
5	○	○	●	●	●	●	●	●	○	○	○	○
6	○	●	●	●	●	●	●	○	○	○	○	○
7	●	●	●	●	●	●	○	○	○	○	○	○
8	●	●	●	●	●	○	○	○	○	○	○	●
9	●	●	●	●	○	○	○	○	○	○	●	●
10	●	●	●	○	○	○	○	○	○	●	●	●
11	●	●	○	○	○	○	○	○	●	●	●	●
12	●	○	○	○	○	○	○	●	●	●	●	●

Chase No. 10

Chase Type 1 (VR No.)

STEP	1	2	3	4	5	6	7	8	9	10	11	12
1	●	●	●	●	●	●	●	○	○	○	○	○
2	○	●	●	●	●	●	●	●	○	○	○	○
3	○	○	●	●	●	●	●	●	●	○	○	○
4	○	○	○	●	●	●	●	●	●	●	○	○
5	○	○	○	○	●	●	●	●	●	●	●	○
6	○	○	○	○	○	●	●	●	●	●	●	●
7	●	○	○	○	○	○	●	●	●	●	●	●
8	●	●	○	○	○	○	○	●	●	●	●	●
9	●	●	●	○	○	○	○	○	●	●	●	●
10	●	●	●	●	○	○	○	○	○	●	●	●
11	●	●	●	●	●	○	○	○	○	○	●	●
12	●	●	●	●	●	●	○	○	○	○	○	●

Chase Type 2 (VR No.)

STEP	1	2	3	4	5	6	7	8	9	10	11	12
1	○	○	○	○	○	●	●	●	●	●	●	●
2	○	○	○	○	●	●	●	●	●	●	●	○
3	○	○	○	●	●	●	●	●	●	●	○	○
4	○	○	●	●	●	●	●	●	●	○	○	○
5	○	●	●	●	●	●	●	●	○	○	○	○
6	●	●	●	●	●	●	●	○	○	○	○	○
7	●	●	●	●	●	●	○	○	○	○	○	●
8	●	●	●	●	●	○	○	○	○	○	●	●
9	●	●	●	●	○	○	○	○	○	●	●	●
10	●	●	●	○	○	○	○	○	●	●	●	●
11	●	●	○	○	○	○	○	●	●	●	●	●
12	●	○	○	○	○	○	●	●	●	●	●	●

Chase No. 11

Chase Type 1 (VR No.)

STEP	1	2	3	4	5	6	7	8	9	10	11	12
1	●	●	●	●	●	●	●	●	○	○	○	○
2	○	●	●	●	●	●	●	●	●	○	○	○
3	○	○	●	●	●	●	●	●	●	●	○	○
4	○	○	○	●	●	●	●	●	●	●	●	○
5	○	○	○	○	●	●	●	●	●	●	●	●
6	●	○	○	○	○	●	●	●	●	●	●	●
7	●	●	○	○	○	○	●	●	●	●	●	●
8	●	●	●	○	○	○	○	●	●	●	●	●
9	●	●	●	●	○	○	○	○	●	●	●	●
10	●	●	●	●	●	○	○	○	○	●	●	●
11	●	●	●	●	●	●	○	○	○	○	●	●
12	●	●	●	●	●	●	●	○	○	○	○	●

Chase Type 2 (VR No.)

STEP	1	2	3	4	5	6	7	8	9	10	11	12
1	○	○	○	○	●	●	●	●	●	●	●	●
2	○	○	○	●	●	●	●	●	●	●	●	○
3	○	○	●	●	●	●	●	●	●	●	○	○
4	○	●	●	●	●	●	●	●	●	○	○	○
5	●	●	●	●	●	●	●	●	○	○	○	○
6	●	●	●	●	●	●	●	○	○	○	○	●
7	●	●	●	●	●	●	○	○	○	○	●	●
8	●	●	●	●	●	○	○	○	○	●	●	●
9	●	●	●	●	○	○	○	○	●	●	●	●
10	●	●	●	○	○	○	○	●	●	●	●	●
11	●	●	○	○	○	○	●	●	●	●	●	●
12	●	○	○	○	○	●	●	●	●	●	●	●

Chase No. 12

Chase Type 1 (VR No.)

STEP	1	2	3	4	5	6	7	8	9	10	11	12
1	●	●	●	●	●	●	●	●	●	○	○	○
2	○	●	●	●	●	●	●	●	●	●	○	○
3	○	○	●	●	●	●	●	●	●	●	●	○
4	○	○	○	●	●	●	●	●	●	●	●	●
5	●	○	○	○	●	●	●	●	●	●	●	●
6	●	●	○	○	○	●	●	●	●	●	●	●
7	●	●	●	○	○	○	●	●	●	●	●	●
8	●	●	●	●	○	○	○	●	●	●	●	●
9	●	●	●	●	●	○	○	○	●	●	●	●
10	●	●	●	●	●	●	○	○	○	●	●	●
11	●	●	●	●	●	●	●	○	○	○	●	●
12	●	●	●	●	●	●	●	●	○	○	○	●

Chase Type 2 (VR No.)

STEP	1	2	3	4	5	6	7	8	9	10	11	12
1	○	○	○	●	●	●	●	●	●	●	●	●
2	○	○	●	●	●	●	●	●	●	●	●	○
3	○	●	●	●	●	●	●	●	●	●	○	○
4	●	●	●	●	●	●	●	●	●	○	○	○
5	●	●	●	●	●	●	●	●	○	○	○	●
6	●	●	●	●	●	●	●	○	○	○	●	●
7	●	●	●	●	●	●	○	○	○	●	●	●
8	●	●	●	●	●	○	○	○	●	●	●	●
9	●	●	●	●	○	○	○	●	●	●	●	●
10	●	●	●	○	○	○	●	●	●	●	●	●
11	●	●	○	○	○	●	●	●	●	●	●	●
12	●	○	○	○	●	●	●	●	●	●	●	●

Chase No.	Chase Type 1												Chase Type 2												
	STEP	VR No.											STEP	VR No.											
		1	2	3	4	5	6	7	8	9	10	11	12		1	2	3	4	5	6	7	8	9	10	11	12
13	1	●	●	●	●	●	●	●	●	●	●	○	○	1	○	○	●	●	●	●	●	●	●	●	●	●
	2	○	●	●	●	●	●	●	●	●	●	●	○	2	○	●	●	●	●	●	●	●	●	●	●	○
	3	○	○	●	●	●	●	●	●	●	●	●	●	3	●	●	●	●	●	●	●	●	●	●	○	○
	4	●	○	○	●	●	●	●	●	●	●	●	●	4	●	●	●	●	●	●	●	●	●	○	○	●
	5	●	●	○	○	●	●	●	●	●	●	●	●	5	●	●	●	●	●	●	●	●	○	○	●	●
	6	●	●	●	○	○	●	●	●	●	●	●	●	6	●	●	●	●	●	●	●	○	○	●	●	●
	7	●	●	●	●	○	○	●	●	●	●	●	●	7	●	●	●	●	●	●	○	○	●	●	●	●
	8	●	●	●	●	●	○	○	●	●	●	●	●	8	●	●	●	●	●	○	○	●	●	●	●	●
	9	●	●	●	●	●	●	○	○	●	●	●	●	9	●	●	●	●	○	○	●	●	●	●	●	●
	10	●	●	●	●	●	●	●	○	○	●	●	●	10	●	●	●	○	○	●	●	●	●	●	●	●
	11	●	●	●	●	●	●	●	●	○	○	●	●	11	●	●	○	○	●	●	●	●	●	●	●	●
	12	●	●	●	●	●	●	●	●	●	○	○	●	12	●	○	○	●	●	●	●	●	●	●	●	●
	STEP	VR No.											STEP	VR No.											
		1	2	3	4	5	6	7	8	9	10	11	12		1	2	3	4	5	6	7	8	9	10	11	12
14	1	●	●	●	●	●	●	●	●	●	●	●	○	1	○	●	●	●	●	●	●	●	●	●	●	●
	2	○	●	●	●	●	●	●	●	●	●	●	●	2	●	●	●	●	●	●	●	●	●	●	●	○
	3	●	○	●	●	●	●	●	●	●	●	●	●	3	●	●	●	●	●	●	●	●	●	●	○	●
	4	●	●	○	●	●	●	●	●	●	●	●	●	4	●	●	●	●	●	●	●	●	●	○	●	●
	5	●	●	●	○	●	●	●	●	●	●	●	●	5	●	●	●	●	●	●	●	●	○	●	●	●
	6	●	●	●	●	○	●	●	●	●	●	●	●	6	●	●	●	●	●	●	●	○	●	●	●	●
	7	●	●	●	●	●	○	●	●	●	●	●	●	7	●	●	●	●	●	●	○	●	●	●	●	●
	8	●	●	●	●	●	●	○	●	●	●	●	●	8	●	●	●	●	●	○	●	●	●	●	●	●
	9	●	●	●	●	●	●	●	○	●	●	●	●	9	●	●	●	●	○	●	●	●	●	●	●	●
	10	●	●	●	●	●	●	●	●	○	●	●	●	10	●	●	●	○	●	●	●	●	●	●	●	●
	11	●	●	●	●	●	●	●	●	●	○	●	●	11	●	●	○	●	●	●	●	●	●	●	●	●
	12	●	●	●	●	●	●	●	●	●	●	○	●	12	●	○	●	●	●	●	●	●	●	●	●	●
	STEP	VR No.											STEP	VR No.											
		1	2	3	4	5	6	7	8	9	10	11	12		1	2	3	4	5	6	7	8	9	10	11	12
15	1	●	○	○	○	○	○	○	○	○	○	○	●	1	●	○	○	○	○	○	○	○	○	○	○	●
	2	○	●	○	○	○	○	○	○	○	○	●	○	2	○	●	○	○	○	○	○	○	○	○	●	○
	3	○	○	●	○	○	○	○	○	○	●	○	○	3	○	○	●	○	○	○	○	○	○	●	○	○
	4	○	○	○	●	○	○	○	○	●	○	○	○	4	○	○	○	●	○	○	○	○	●	○	○	○
	5	○	○	○	○	●	○	○	●	○	○	○	○	5	○	○	○	○	●	○	○	●	○	○	○	○
	6	○	○	○	○	○	●	●	○	○	○	○	○	6	○	○	○	○	○	●	●	○	○	○	○	○
	7	○	○	○	○	●	○	○	●	○	○	○	○	7	○	○	○	○	●	○	○	●	○	○	○	○
	8	○	○	○	●	○	○	○	○	●	○	○	○	8	○	○	○	●	○	○	○	○	●	○	○	○
	9	○	○	●	○	○	○	○	○	○	●	○	○	9	○	○	●	○	○	○	○	○	○	●	○	○
	10	○	●	○	○	○	○	○	○	○	○	●	○	10	○	●	○	○	○	○	○	○	○	○	●	○
	11	●	○	○	○	○	○	○	○	○	○	○	●	11	●	○	○	○	○	○	○	○	○	○	○	●
	12	○	●	○	○	○	○	○	○	○	○	●	○	12	○	●	○	○	○	○	○	○	○	○	●	○

STEP-2 Press ◄ or ► to select chase mode, press ► and LED will display,



STEP-3 Press ▲or▼ to adjust chase speed, press ▼ and LED will display,



※ Chaser speed tables

Fd 0.1	**Fd 0.2**	**Fd 0.3**	**Fd 0.4**	**Fd 0.5**	**Fd 0.6**	**Fd 0.7**	**Fd 0.8**	**Fd 0.9**	**Fd 01**
0.1 second	0.2 second	0.3 second	0.4 second	0.5 second	0.6 second	0.7 second	0.8 second	0.9 second	1 second
Fd 02	**Fd 03**	**Fd 04**	**Fd 05**	**Fd 06**	**Fd 07**	**Fd 08**	**Fd 09**	**Fd 10**	**Fd 20**
2 second	3 second	4 second	5 second	6 second	7 second	8 second	9 second	10 second	20 second
Fd 30	**Fd 40**	**Fd 50**	**Fd 60**						
30 second	40 second	50 second	60 second						

STEP-4 In channel mode, press **ENTER** to shift between two opposite types.

2-12-2 · Channel Chase with Fade-in /Fade-out

Press **CHASE** to shift between channel chase mode with Fade-in/ Fade-out and channel chase mode without Fade-in/ Fade-out. The speed setting please refers to 2-12-1 step3.

2-12-3 · Audio Control Chase

STEP-1 Press **AUDIO** and LED display,



Audio indicator will blink according to audio control’s frenquence.

2-12-4. Back scene setting in channel chase

When it runs channel chase, you can use VR1 ~ VR12 to recall a scene as the back scene. The dimming value of the channels in the back scene depends on the value of VR.

MASTER VR controls the dimming value of all the channels in chase.

2-13 Scene Chase

Scene Chase has 3 modes; scene chase without fade-in/fade-out, scene chase with fade-in/fade-out and audio control chase. Scene chase has 8 build-in chasers.

2-13-1. Scene Chase without Fade-in/Fade-out.

STEP-1 In scene mode, press **CHASE** to enter scene chase without FADE ON / FADE OFF, and LED will display,



It means scene corresponding to VR 1 will run the chase and scenes corresponding to VR2-VR12 can be used as back scene.

STEP-2 Press ◄ or ► to change chase mode.



It means scenes corresponding to VR 1 and VR2 will run the chase and scenes corresponding to VR3 to VR 12 be used as back scene.

STEP-3 Press ▲ or ▼ to adjust chase speed. The speed setting please refers to 2-12-1 step3.



2-13-2. Scene Chase with Fade-in/Fade-out

Press **CHASE** to shift between scene chase mode with Fade-in/ Fade-out and scene chase mode without Fade-in/ Fade-out.

2-13-3. Audio Control Chase

STEP-1 In scene mode, press **AUDIO** to enter audio control chase and LED will display,



Audio indicator light will blink according to audio’s frenquence.

2-13-4. Back Scene Setting in Scene Chase

When it runs scene chase, you can use VR1 ~ VR12 to recall a scene as the back scene.